2001 ARTICLE INDEX
ES&T Quick Guide to Articles Appearing in Year 2001

Article/Author	Date	Page
HISTORY		
A History of Electronic Projection Display Technology (Part 1) ES&T Staff	1/01	6
A History of Electronic Projection Display Technology (Part 2) ES&T Staff	4/01	22
A History of Electronic Display Technology (Part 3) Light Value Technology from Pixelated Light Values to Piezoelectric Mirror Light Values	7/01	23
A History of Electronic Display Technology (Part 4) Light Valve Technology from Pixelated Light Valves to Piezoelectric Mirror Light Valves	10/01	22
SERVICING/MAINTENANCE		
Understanding and Servicing Playstations Oscar Sugnitan	1/01	14
DVD Servicing ES&T Staff	1/01	38
Phone Systems ES&T Staff	2/01	16
Scanners ES&T Staff	2/01	40
High Definition TV: Are You Sick Of It Yet? Alvie Rodgers — Hitachi	3/01	7
Printer Servicing ES&T Staff	3/01	12
Circuit Board Rework Solutions Jerry Howard	3/01	23
Gemstar, Histogram, Comb Filters, And More Steven J. Babbert	3/01	38
VCR Servicing: More About TV/VCR Combination Units Bob Rose	3/01	42
Servicing Tips / Aids Reference ES&T Staff	3/01	49
Rewritable Disk Systems DVD Video Player Circuits John A. Ross	4/01	7
Closed Circuit TV ES&T Staff	4/01	14
Set Top Boxes for HDTV ES&T Staff	4/01	16
Audio/Sound Installation and Maintenance Bob Rose	5-6/01	10
Camcorders ES&T Staff	5-6/01	24
Network Server Technologies John Ross	7/01	13
Global Positioning Systems ES&T Staff	7/01	18
Microwave Ovens Samuel Goldwasser	7/01	38
Digital Television Update: DVB John A. Ross	8/01	8
A Look at HDTV A Precursor: The Thomson MM101 Bob Rose	9/01	8
Telecommunications Testing Jim Hayes & Fotec Staff	9/01	23
Servicing New Generation Televisions Bob Rose	10/01	8
SOURCES/GUIDES/TIPS		
Replacement Parts/Servicing Sourceguide ES&T Staff	1/01	24
Replacement Parts Directory — Addendum ES&T Staff	3/01	50
15th Annual Buyers' Guide & Web Directory ES&T Staff	5-6/01	26
TOOLS/EQUIPMENT		
Materials Handling — Components to Equipment ES&T Staff	1/01	42
Tools and Toolcase Showcase — An Advertising Section ES&T Staff	3/01	15
CONVENTIONS/MEETINGS		
Consumer Electronics Show ES&T Staff	1/01	19
National All Service Convention ES&T Staff	1/01	20
Comdex Preview / NASC Review ES&T Staff	3/01	47
Electronic Distribution Show and Conference ES&T Staff	4/01	38
CEDIA EXPO 2001	8/01	43
CEDIA Expo 2001 Wrap Up ES&T Staff	9/01	21
2001 Best Ideas Contest from NPSC ES&T Staff	10/01	42
COMDEX Review ES&T Staff	10/01	44
INSTRUMENTATION/TEST EQUIPMENT		
The Capanalyzer Bob Rose	1/01	21
Test Equipment Update Alvin G. Sydnor	3/01	18
Oscilloscope Update: Making Differential Measurements Dr. Arnold Banks	7/01	8
Multimeter Update ES&T Staff	8/01	37
MANAGEMENT		
Service Center Management Trends ES&T Staff	2/01	8
Service Center Management Software	2/01	12
The Cost of Service Today ES&T Staff	5-6/01	8
Complying With Environmental Considerations ES&T Staff	8/01	40
TROUBLESHOOTING		
Troubleshooting and Repairing a Philips-Funai TV-VCR "COMBIS" Bob Rose	2/01	21
Troubleshooting Vertical Problems in the RCA CTC 177 Homer Davidson	2/01	34
Computer Monitoring Troubleshooting & Repair Adapted from Sams Book	5-6/01	16
Good Grief! It's In Shutdown Bob Rose	8/01	18
PC Testing Tips PC911	10/01	13
PARTS/SUPPLIES		
Product File: Capacitors ES&T Staff	2/01	38
Distribution Showcase An Advertising Section	4/01	18
Replacement Parts Showcase ES&T Staff	8/01	33
Soldering and Desoldering — Back to the Basics The ES&T Staff	8/01	45
Audio Transformers Rick Waller	9/01	41
HOME THEATRE		
Designing Your Showcase ES&T Staff	4/01	39
The Home Theater: Lighting ES&T Staff	8/01	14
Home Theater Opportunities — Bootcamp from NPSC Brian Gibson & Fred Paradis, Elite Media	9/01	13
Home Theatre Showcase An Advertising Section	9/01	17
Servicing New Generation Televisions Bob Rose	10/01	8

COMPLETE YOUR COLLECTION TODAY.

To Order Back Issues

ONLY $5.00 PER ISSUE

Check, Money Order, Mastercard, VISA, Discover and AMEX accepted

Electronic Servicing & Technology

BACK ISSUES

P.O. Box 748, Port Washington, NY 10050

CALL: 800-462-4659

For Fastest Service

FAX 516-883-2162

PROFAX 10-YEAR DIRECTORY JANUARY 1991 — DECEMBER 2001

JANUARY 1991
RCA CTC91 chassis color TV 3072

FEBRUARY 1991
RCA CTC107 chassis color TV 3073

MARCH 1991
RCA/GE CTC168 chassis color TV 3074

APRIL 1991
RCA/GE CTC86 chassis color TV 3075

MAY 1991
RCA/GE KCS5203 chassis B&W 'TV 3076

JUNE 1991
RCA CTC96 chassis color TV 3077

JULY 1991
RCA CTC 107 chassis color TV 3078

AUGUST 1991
Hitachi CT1947/CT19A7 chassis color TV 3079

SEPTEMBER 1991
Hitachi CT2541/2542 chassis color TV 3080

OCTOBER 1991
RCA/GE CTC167 chassis color TV 3081

NOVEMBER 1991
RCA/GE CTC166 chassis color TV 3082

DECEMBER 1991
RCA/GE CTC169 chassis color TV 3083

JANUARY 1992
RCA/GE CTCI68 chassis color TV 3084

FEBRUARY 1992
Hitachi AP13 color TV 3085

MARCH 1992
Hitachi VT-M40A color TV 3086

APRIL 1992
Hitachi 3267E VCR 3087

MAY 1992
RCA/GE CTC 168-53 color TV 3088

JUNE 1992
Hitachi VT-M231A VCR 3089

JULY 1992
Hitachi VT-F551A VCR 3090

AUGUST 1992
RCA/GE color TV No 7-7800A 3091

SEPTEMBER 1992
RCA/GE TX82 color TV 3092

OCTOBER 1992
Sharp Model 13C-MI00 color TV 3093

NOVEMBER 1992
Sharp Model 27C-5200 color TV 3094

DECEMBER 1992
Hitachi VT MI50A VCR 3095

1992/1993 PROFAX SCHEMATICS SPECIAL ISSUE:
Curtis Mathes Projection TV: Models SMP 4100, 4600, 5210
Hitachi Camcorder Model UM-E2A
Memorex Pocketvision 26, Catalog Number 16-163
Mitsubishi VCR Model HS-U55
Panasonic color TV Model SR400EK
RCA/GE VCR Model VG4202
Sharp color TV Model 27SV65
Toshiba color TV Model CF2077A: CX21772
Zenith color TV: Models SD5515/SD5535/SD555G

JANUARY 1993
Sharp Model 20C-5300 color TV 3096

FEBRUARY 1993
Sharp chassis No. 25S1 color TV 3097
Sharp VCR Model VCA45U 3098

MARCH 1993
Sharp Model 20C-5200 3099
Sharp VCR Model VC-H86U/C 3100

APRIL 1993
Sharp Model 27SV70 3101

MAY 1993
Sharp VCR Model VC-H870U/C, VC-8870U/C 3102
Sharp Model 20SB65 color TV 3103

JUNE 1993
Sharp VCR Model VC-A503U, VC-A504U/C 3104

JULY 1993
Sharp VCR Model VC-H903U/C, VC-H904U/C 3105

AUGUST 1993
Sharp VCR Model VC-H87U/C 3106

SEPTEMBER 1993
Sharp Models 19E-M40R, 19-EM50R color TV 3107

OCTOBER 1993
RCA color TV Model CTC176 3108

NOVEMBER 1993
Hitachi Proj. color TV Models 55EX7K, 5OEX6K, 46EX3B/4K, 50ESI B/K, 46EX3BS/4KS 3109

DECEMBER 1993
Sharp color TV Model 19E-M50 3110

1993/1994 PROFAX SCHEMATICS SPECIAL ISSUES:
Curtis Mathes VCR/Model GV730/740
Hitachi TV/Model NP 83LX
IBM Monochrome Display/Model 8503
Magnavox TV/Model RD0945C101, RD0946T101
Memorex Portable Compact Disc Player/Model CD-3360
Memorex VCR/Model 29
Mitsubishi TV/Model CS-3535R/CK-3536R, CS3135R/CK-3136R
Panasonic CTM 1353R
JC Penney TV/Model 2003
Sharp color TV/Sigma 9700 chassis
Thomson Consumer Electronics color TV/RCA CTC 175
Toshiba VCR/Model M222, M222C, M227C, M227L

JANUARY 1994
Memorex Portavision 9-inch color VHF/UHF TV monitor 3111

FEBRUARY 1994
Hitachi VHS VCR Models VT-P350A, VT-F351A, AW 3112

MARCH 1994
Sharp color TV Model 205B55m chassis No 20R1 3113

APRIL 1994
GE VCR Models 9-7100, 9-7115, 9-7120, 9-7215 3114

MAY 1994
Hitachi VCR Model VM-2400A (U,PX), AW 3115

JUNE 1994
Thomson Consumer Electronics color TV: TX825 3116

JULY 1994
Sharp CTV Models 13F-M40, 13F-M50, 13F-M100, 13F-M150 3117

AUGUST 1994
Hitachi Video camera/recorder Models VM-2700A, VM-3700A (U,C) 3118

SEPTEMBER 1994
Sharp CTV Models 25F-M40/50/100/120, chassis No SN 41 3119

OCTOBER 1994
Hitachi VCR Model VM-1700A (U,C) 3120

NOVEMBER 1994
Hitachi VCR Models VT-F380Z/F38 IA, VT-F382A/F385A 3121

DECEMBER 1994
Thomson Consumer Electronics color TV: TX825 3122

1994/1995 PROFAX SCHEMATICS SPECIAL ISSUE:
Hitachi VCR Model VM-1600A
Memorex VCR catalog no. 16-620
Panasonic VCR Models PV-4962, PV4941-K, PV-4960-K
JC Penney TV/VCR Model 2163
Quasar Model CTM-1355R & TP-1330EE
RCA color TV Model CTC 168-S4
Sharp color TV models 20C-S100 & 20C-S120
Tatung color monitor
Toshiba VCR Model SV-F990
Zenith color TV receiver CM-139/B-1
Zenith CM-I43IDigital (A)

JANUARY 1995
Sharp video cassette recorder Models VC-A502U, VC-A506U, VC-A507U 3123

FEBRUARY 1995
Sharp color TV Model 19TF30, chassis SN40A 3124

MARCH 1995
Hitachi video cassette recorder Model VT-F482A 3125

APRIL 1995
RCA video cassette recorder Model VR530 3126

MAY 1995
RCA video cassette recorder Model VR530 (cont'd) 3126

JUNE 1995
Hitachi projection televisions Models 50UX 18B/19K, 46UX 16B/17K 3127

JULY 1995
JC Penney combinations Model 2163 3128

AUGUST 1995
Sharp video cassette recorder Model VC-H925U/H927U 3129

SEPTEMBER 1995
Thomson Consumer Electronics color TV Model CTCI87 3130

OCTOBER 1995
Sharp TV/VCR combo Model 1 3VT-F40/13VT-F100 3131

NOVEMBER 1995
Thomson Consumer Electronics VCR Model VG2030 3132

DECEMBER 1995
JC Penney color television Model 1048/1049 3133

1995/1996 PROFAX SCHEMATICS SPECIAL ISSUE:
Panasonic TV Model CTM-2092S Chassis ALEDP203
JC Penney TV Model 2157
JC Penney TV Model 2294
Sharp TV/VCR Combinations Models 20VT-G60, 20VT-G100, 20VT-G200
Sharp VCR Model VC-H946U, VC-H948U
Thomson VCR Model VR516
Thomson color video camcorder Models CC525, CPS014, CPS0I5
Thomson TV, AM radio cassette combinations Model 7-7800A
Toshiba TV Model CF2771A
Zenith projection TV L-Line C-8 Chassis
Zenith color TV receiver Models SD250IW, SD2509H

JANUARY 1996
Zenith wall projector Model PV-144 3134

FEBRUARY 1996
Hitachi VCR Model VT-Ux605A 3135

MARCH 1996
Zenith digital direct view Model CM-142 3136

APRIL 1996
Thomson Consumer Electronics VCR Model VR321 3137

MAY 1996
Sharp color television Models 25E-M100 & 25E-M120 3138

JUNE 1996
Sharp TV/VCR combination Model 27VS-G300 3139

JULY 1996
JC Penney color TV receiver Model 2307 3140

AUGUST 1996
Zenith color TV receiver Model CM-142/C-1 3141

PROFAX 10-YEAR DIRECTORY JANUARY 1991 — DECEMBER 2001

SEPTEMBER 1996
Sharp VCR Models VC-A555, 556 VC-H955, 956, 958U 3142

OCTOBER 1996
Thomson Consumer Electronics Color TV Model CTC177 3143

NOVEMBER 1996
RCA/GE VCR Model VR520/523 3144

DECEMBER 1996
Memorex moviecorder Model 127 3145

1996/1997 PROFAX SCHEMATICS SPECIAL ISSUE:
Hitachi video camera Model VM-E25A (U,C)
Panasonic VCR Model PV-4066
JC Penney color TV receiver Model 2158
JC Penney color TV receiver Model 2509
Sharp TV/VCR combination Model 20C-V300
Thomson Consumer Electronics projection TV Model PTK 171
Toshiba color TV Models 6F35661, CX37662
Zenith digital color TV Receiver J-Line Model PV-143
Zenith color TV Model S1322S, SMS 1324SS/X, SMS1325S

JANUARY 1997
Hitachi Color TV Models 35UX80B/CZ58, 35UX70B/CZ57 3146

FEBRUARY 1997
Thomson video cassette recorder Model PTK171 3147

MARCH 1997
Thomson video cassette recorder Model PTK 171 (cont'd) 3147

APRIL 1997
Sharp color TV Models 27H-S200, CH27S20 3148

MAY 1997
Hitachi video cassette recorder Model VT-F390A/F391A 3149

JUNE 1997
Sharp color television Model 25H-MI00 3150

JULY 1997
Thomson Consumer Electronics video cassette recorder Model VR71HF 3151

AUGUST 1997
Sharp TV/VCR combination Model 20VT-H60, 20VT-H200, 20VT-CR6 3152

SEPTEMBER 1997
Thomson Consumer Electronics color video camcorder Model CC710 3153

OCTOBER 1997
Toshiba video cassette recorder Model M-651/651C 3154

NOVEMBER 1997
Thomson Consumer Electronics color TV Model CTC 170 3155

DECEMBER 1997
Sharp video cassette recorder Model VC-A25U, CA55U, C 3156

JANUARY 1998
Thomson Consumer Electronics video cassette recorder Model VR800HF 3157

FEBRUARY 1998
Zenith rear projection color TV receiver Model PV-145/C8 (A) 3158

MARCH 1998
Thomson Consumer Electronics color video camcorder Model CC390 3159

APRIL 1998
Sharp video cassette recorder Model VC-A70U, VC-HI00U 3160

MAY 1998
Sharp color TV Model 13H-M60/100/150, CH13M6/10/15 3161

JUNE 1998
Sharp color TV Model 19H-M60/100/150, CHI6M6 3162

JULY 1998
Sharp video cassette recorder VC-A575U, A578U, H973U, R974U, H975U, R976U, H978U 3163

AUGUST 1998
Sharp TV/VCR combination 25VT-H200, 25V5-H300 3164

SEPTEMBER 1998
Sharp video cassette recorder Model VC-A523U 3165

OCTOBER 1998
RCA color TV Model CTC172 3166

NOVEMBER 1998
Thompson RCA/GE Color video camcorder Model CC415 3167

DECEMBER 1998
Sharp video cassette recorder Models VC-H902U, VC-R906U, VC-R907U 3168

JANUARY 1999
Hitachi color television CT2550/CT2551/CT2552/ CT2555/CT2556 3169

FEBRUARY 1999
JC Penney 5.5 inch color TV receiver with AM/FM radio, Model No.685-2189 3170

MARCH 1999
Sharp color television Model 19TG30 3171

APRIL 1999
Hitachi color television Model CTI9CS/CT1966 3172

MAY 1999
Hitachi color television Model CMT2138 3173

JUNE 1999
Hitachi color television Model CMT2138 3174

JULY 1999
Zenith color TV receiver, Models SD2593W, SD2593Y, SD5539W, SD5557Y, 5D5729W, 5D5779H 3175

AUGUST 1999
Zenith color TV receiver Model CM-144/C3 3176

SEPTEMBER 1999
Zenith color TV receiver Model SD1995W/ SD3923W/SD3961Y/5D3961YH 3177

OCTOBER 1999
RCA/GE video cassette recorder Model VG7685 3178

NOVEMBER 1999
RCA/GE video cassette recorder Model VG7620 3179

DECEMBER 1999
Hitachi solid state color TV Model CT7970B/K 3180

JANUARY 2000
RCA/GE Color Television Models CTC158/159 3181

FEBRUARY 2000
RCA/GE Color Video Camcorder Model CC320 3182

MARCH 2000
RCA/GE Video Cassette Recorder Model VG7620 3183

APRIL 2000
Sharp TV/VCR Combination Models 25VT-G60/G80/G100 3184

MAY
RCA/GE Color Video Camcorder Model CC260/280 3185

JUNE 2000
RCA/GE Video Cassette Recorder Models VG7610/7910 3186

JULY 2000
Sharp Video Cassette Recorder Models 25VT-G60/80/100 3187

AUGUST 2000
Hitachi TV/VCR combination Television Models 13VR3B/20VR4B 3188

SEPTEMBER 2000
RCA Color Television CTC203 3189

OCTOBER 2000
Hitachi Projection Color Television Models CLU-612MP/CLU-617MP 3190

NOVEMBER 2000
Hitachi 8mm video camera/recorder Models VM-H765LA/H665LA, VM-E565LA/E563LA 3191

DECEMBER 2000
Hitachi Color Television 3192

JANUARY 2001
Hitachi 8mm video camera/recorder Models VM-E555LA/H755LA VM-H855LA/H955LA 3193

FEBRUARY 2001
Hitachi 8mm video camera/recorder Models VM-E555LA/H755LA VM-H855LA/H955LA 3194

MARCH 2001
Hitachi Projection Color TV Model 50SBX78B/60SBX78B 3195

APRIL 2001 –
Hitachi Projection Color TV Model 50SBX78B/60SBX78B 3196

MAY/JUNE 2001
Toshiba 3LCD Data Projector Model TLPB2U/TLPB2E/TXPB2/TLPB2C
RCA Camcorder CC9370 3197/3198

JULY 2001
Magnavox Television Model 25TR12C221 (Chassis 25X601-00AA) 3199

AUGUST 2001
Samsung Television Model TXE2545/TXE2546 (Chassis KCT52A) 3200

SEPTEMBER 2001
Zenith Television Model SY3272DT 3201

OCTOBER 2001
Zenith Television Model C25A24T/CB27A25Z 3202

COMPANY INDEX – 2001

	Profax#	Month/Year
CURTIS MATHES		
Models SMP 4100, 4600, 5210 Projection TV Set	Special	1992/93
Model GV 730/740 VCR	Special	1993/94
GENERAL ELECTRIC		
Models 9-7100, 9-7115, 9-7120, 9-7215 SVCR	3114	Apr 94
HITACHI		
CT1947/CTI9A7 chassis color TV	3079	Aug 91
CT2541/2542 chassis color TV	3080	Sep91
Chassis API3 color TV	3085	Feb 92
Model 3267B VCR	3087	Apr 92
Model VT-F55IA VCR	3090	Jul 92
Model VT-M40A VCR	3086	Mar 92
Model VT15[illegible]0A VCR	3095	Dec 92
Model VT-M231A VCR		
Model UM-E2A Camcorder	Special	1992/93
Models 55EX7K, 50EX6K, Projection color TV	3109	Nov 93
46EX3B/4K, 50ES iB/K, 46EX3B5/4KS NP 83LX color TV	Special	1993/94
VCR Model VT-F350A, VT-F35IA, AW	3112	Feb 94
Model 35UX80B/CZS8 35UX70B/CZ57 color TV	3146	Jan 97
Model VT-F390A/F391A VCR	3149	May 97

Model VM-2400A (U,PX), AW VCR	3115	May 94
Model VM-1700A (U,C) VCR	3120	Oct 94
Models VT-F380Z/F38iA, VT-F382A/F385A VCR	3121	Nov 94
Models. VM-2700A, VM-3700A (U,C) Vid. cam/rec.	3118	Aug 94
Model VM- 1600A VCR	Special	1994/95
Model VT-F482A VCR	3125	Mar 95
Models S0UX 18B/19K projection television 46UX 16B/17K	3127	Jun 95
Model VT-UX605A VCR	3135	Feb96
Model VM-E25A video camera	Special	1996/97
Models CT2550/CT2551/CT2552/ CT2555/CT2556 color television	3169	Jan 99
Model CT19C5/CT1966 color TV	3172	Apr 99
Model CMT2138 color TV	3173	May 99
Model 4146 color TV receiver	3174	Jun 99
Model CT7970B/K solid state color television	3180	Dec 99
TV VCR Combination TV Models 13VR3B/20VR4B Projection Color TV	3188	Aug 00
Models CLU-612MP/CLU-617MP 8mm video camera recorder	3190	Oct 00
Models VM-H765LA/H665LA, VM-E565LA/E563LA Model VM-E555LA/H755LA VM-H855LA/H955LA AC Adapter VM-ACE5A 8mm video camera/recorder	3193/94	Jan/Feb 01
Model 50SBX78B/60SBX78B projection color TV	3195/96	Mar/Apr 01

IIIM

Model 8503 Monochrome Display	Special	1993/94

JC PENNEY

Model 2003 color TV	Special	1993/94
Model 2163 TV/VCR	Special	1994/95
Model 2163 combination	3128	Jul 95
Model 1048/1049 color TV	3133	Dec 95
Model 2157 TV	Special	1995/96
Model 2294 TV	Special	1995/96
Model 2307 color TV	3140	Jul 96
Model 2158 color TV	Special	1996/97
Model 2509 color TV	Special	1996/97
Model 685-2189 5.5 inch color television receiver with AM/FM radio	3170	Feb 99

MAGNAVOX

Model RD0945C101, RD0946T101 color TV	Special	1993/94
Model 25TR12C221 (Chassis 25X601-00AA)	3199	July 01

MEMOREX

Catalog Number 16-163 Pocketvision 26 TV	Special	1992/93
Model CD-3360 Portable CD Player	Special	1992/93
Model 29 VCR	Special	1992/93
Portavision 9-inch color VHF/UHF TV Monitor	3111	Jan 94
catalog no.16-620 VCR	Special	1994/95
Model 127 Moviecorder	3145	Dec 96

MITSUBISHI

Model CS-3535R/CK-3535R C53 135R/CK3136R color TV	Special	1992/93
Model HS-USS VCR	Special	1992/93

NAP

(Magnavox RD8518 and RD8520; Philco Model P8190S; Sylvania PSC410 and PSC420)

PANASONIC

Model SR400EK color TV	Special	1992/93
Model CTM1353R color TV	Special	1993/94
Models PV-4962, PV4941 -K PV4960-K VCR	Special	1994/95
Model CTM-2092S Chassis ALEDP203	Special	1995/96
VCR Model PV-4066	Special	1996/97

RCA

CTC99 chassis color TV	3072	Jan 91
CTC107 chassis color TV	3073	Feb 91
CTC96 chassis color TV	3077	Jun 91
CTC107 chassis color TV	3078	Jul 91
CTC176 chassis color TV	3108	Oct 93
CTC175 chassis color TV	Special	1993/94
Model CTC 168-S4 color TV	Special	1994/95
Model VR530 VCR	3126	Apr/May 95
CTC203 chassis color TV	3189	Sep 00

RCA/GE (THOMSON CONSUMER ELECTRONICS)

CTCI68 chassis color TV	3074	Mar91
CTC86 chassis color TV	3075	Apr91
KCS203 chassis B&W TV	3076	May 91
CTCI67 chassis color TV	3081	Oct91
CTC166 chassis color TV	3082	Nov91
CTCI69 chassis color TV	3083	Dec 91
CTCI68 chassis color TV	3084	Jan 92
CTC168-53 chassis color TV	3088	May 92
Model 7-7800A color TV	3091	Aug 92
TX82 chassis color TV	3092	Sep 92
Model VG4202 VCR	Special	1992/93
TX825 colorTV	3116	Jun94
TX825 color TV	3122	Dec 94
Model VR516 VCR	Special	1995/96
Models CC525, CPS014, CPS015 color camcorder	Special	1 995/96
TV AM radio cassette combination Model 7-7800A	Special	1995/96
Model CTCI87 color TV	3130	Sep 95
Model VG2030 VCR	3132	Nov 95
Model VR321 VCR	3137	Apr 96
CTCI77 color TV	3143	Oct 96
Model VR520/523 VCR	3144	Nov 96
Model PTK171 projection TV	Special	1996/97
Model PTKI7I VCR	3147	Feb/Mar 97
Model VR7IHF VCR	3150	Jul 97
Model CC710 color camcorder	3153	Sep 97
Model CTCI70 color TV	3155	Nov 97
Model VR800HF VCR	3157	Jan 98
Model CC390 color video camcorder	3159	Mar 98
Model CTCI72	3166	Oct 98
Model CC415 color video camcorder	3167	Nov 98
Model VG7685 VCR	3178	Oct 99
Model VG7620 VCR	3179	Nov 99
Models CTC158/159 color TV	3181	Jan 00
Model CC320 color video camcorder	3182	Feb 00
Model VG7620 video cassette recorder	3183	Mar 00
Models CC260/280 color video camcorder	3185	May 00
Models VG7610/7910, video cassette recorder	3186	June 00
Model CC9370 camcorder	3198	May/June 01

SAMSUNG

Model TXE2545/TXE2546 TV chassis KCT52A	3200	Aug 01

SHARP

Model 13C-M100 color TV	3093	Oct 92
Model 27C-5200 color TV	3094	Nov 92
Model 27SV65 color TV	Special	1992/9?
Model 19E-M50	3110	Dec 93
Model 19E-M40R, 19E-M50R color TV	3107	Sep 93
Model 20C-5300 color TV	3096	Jan 93
Model 20C-5200 color TV	3099	Mar.93
Model 20SB65 color TV	3103	May 93
25S1 chassis color TV	3097	Feb 93
Model 27SV70	3101	Apr 93
Sigma 9700 chassis color TV	Special	1993/9~
Model VC-A45U VCR	3098	Feb 93
Model VC-A504U/C VCR	3104	Jun 93
Model VC-H86U/C VCR	3100	Mar 93
Model VC-H87U/C VCR	3106	Aug 93
Model VC-R870U/C, VC-8870U/C VCR	3102	May 93
Model VC-H903U/C, VC-H904U/C VCR	3105	Jul 93
Model 20SB55, chassis No. 20R1 VCR	3113	Mar 94
Models 13F-M40, 13F-MI50, 13F-M100,13F-MI50	3117	Jul 94
Models 25F-M40/50/I00/120, chassis No SN 41	3119	Sep94
Models 20C-S100, 20C-S120 color TV	Special	1991/95
Models VC-A502U, VC-AS06U, VC-A507U VCR	3123	Jan 95
Model 19TF30, Chassis SN40A color TV	3124	Feb 95
Model VC-H925U/H927U VCR	3129	Aug 95
Model 13VT-F40/I3VT-F100		
Models 20VT-G60, 20VT-G100 TV/VCR combination	3131	Sep 95
20VT-G200, Chassis VN-51 TV/VCR combination	Special	1995/96
Model VC-H946U, VC-H948U VCR	Special	1995/96
Model 25E-M100, 25E-M120 color TV3163	3138	May 96
Model 27VS-G300 TV/VCR combination	3139	June 96
Models VC-A555, 556, VC-R955, 956, 958U VCR	3142	Sep 96
Model 20C-V300 TV/VCR combination	Special	1996/97
Models 27H-S200 CH27520 color TV	3148	Apr 97
Model 25H-M100 color TV	3149	Jun 97
Models 20VT-H60, 20VT-H200 20VT-CR6 TV/VCR combination	3151	Aug 97
Models VC-A25U,C A55U, C VCR	3156	Dec 97
Model VC-A70U, VCH100U VCR	3160	Apr 98
Model 13H-M60/100/150, CR13M6/ 10/15 color TV	3161	May 98
Model 19H-M60/100/150 CH19M6 color TV	3162	Jun 98
Model VC-A575U, A578U, R973U H974U, H975U, H976U, H978U	3163	Jul 98
VCR Model 25VT-H200, 25-VS-H300 TV/VCR combination	3164	Aug 98
Model VC-A523U VCR	3165	Sep 97
Model VC-H902U, VC-H906U, VC-H907U VCR	3168	Dec 98
Model 19TG30 color television	3171	Mar 99
Models 25VT-G60/G80/G100 TV/VCR combination	3184	Apr 00
Models 25VT-G60/80/100 video cassette recorder	3187	July 00

TATUNG

color monitor	Special	1994/95

TOSHIBA

Model CF2077A: CX21772 color TV	Special	1992/93
Model M222, M222C, M227C, M227L VCR	Special	1993/94
Model SC-F990 VCR	Special	1994/95
Model CF277IA TV	Special	1995/96
Models 6F35661, CX37662 color TV	Special	1996/97
Model M-651/651C VCR	3154	Oct97
Model TLPB2U/TLPB2E/TXPB2/ TLPB2C 3LCD data projector	3197	May 01

ZENITH

(Models SE3135P/SE3191H/SE3535H/ ZB2771H/ZB2771H2/ZB2777H/ ZB2777H2/ZB2797P/ZB2797P2/ZB2797Y/ ZB2797Y2/ZB3193H/ ZB3193Y/ZB3539T/ZB3539Y) CM-I 39/B2 Models SD5515, SD5535, SD5556	Special	1992/93
Model CM-139/B-I color TV	Special	1994/95
CMI43/digital (A)	Special	1994/95
L-line C-8 Chassis TV	Special	1995/96
Model SD2501W, SD2509H color TV	Special	1995/96
Model PV-144 wall projector	3134	Jan 96
Model CM-142 digital direct view	3136	Mar 96
Model CM 142/C-1 color TV	3141	Aug 96
J-Line Model PV- 143 digital color TV	Special	1996/97
Models S1322S, SMS13245/X, SMS 1325S color TV	Special	1996/97
Model PV-145/C8 (A) rear projection color TV receiver	3158	Feb 98
Models SD 2593W, SD2593Y, 5D5539W, 5D5557Y, 5D5729W, 5D5779H	3175	July 99
Model CM-144/C-3 color TV receiver	3176	Aug 99
Models SD 1995W/5D3923W/5D396IY/ SD3961YH color TV receiver	3177	Sep 99
Model SY3272DT color TV	3201	Sep 01